

REMARKS

Reconsideration of the above-identified application is respectfully requested.

Claims 1, 2, 4, 7, and 10 were rejected as anticipated by Ranganath et al.

(1) The statement in support of the rejection raises false issues, obfuscating the analysis. The Examiner asserts "the main voltage [V_{in}] having a constant voltage." The claims do not recite such. Further, the statement is contrary to reality.

(2) The statement in support of the rejection is internally inconsistent. The only component mentioned by the Examiner is voltage. How can the prior art disclose a circuit that "controls the frequency of the alternating current subject to a varying component (L_m) of the mains voltage" when the Examiner alleges voltage to be constant?

(3) For the reasons of record, **inductor L_m is not a component of a voltage**. "L_m is the inductance of an energy storing inductor" [column 3, lines 24–25]. The Examiner is obliged to accept the prior art as it is written.

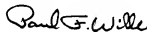
(4) There is no disclosure of controlling frequency in accordance with a component of the mains voltage because there is no disclosure of a suitable connection. There is no connection between CONTROL LOGIC and C_f (FIG. 1) in the Ranganath et al. patent. FIG. 2 illustrates a self-oscillating circuit, the frequency of which is determined **by the lamp**. "This self oscillating frequency is dependent on the load which, in this case, is the lamp itself" [column 5, lines 17–19].

Claims 8 and 9 were rejected as unpatentable over Ranganath et al. As shown above, the Ranganath et al. patent does not remotely disclose or suggest the invention. Claim 8 recites that the mains voltage is greater than the lamp voltage. If this is so obvious, why cannot it be shown in the prior art instead of speculating about what one of ordinary skill may or may not do? Claim 9 relates to the component of the mains, which the Examiner has not remotely shown to be disclosed or suggested in the prior art.

It is respectfully submitted that the rejections are based upon errors of fact in interpreting terminology and reading schematics. It is respectfully submitted that the Ranganath et al. patent does not remotely disclose or suggest the invention claimed by applicant.

In view of the foregoing amendment and remarks, it is respectfully submitted that claims 1-11 are in condition for allowance and a Notice to that effect is respectfully requested.

Respectfully submitted,

A handwritten signature in cursive script that reads "Paul F. Wille".

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